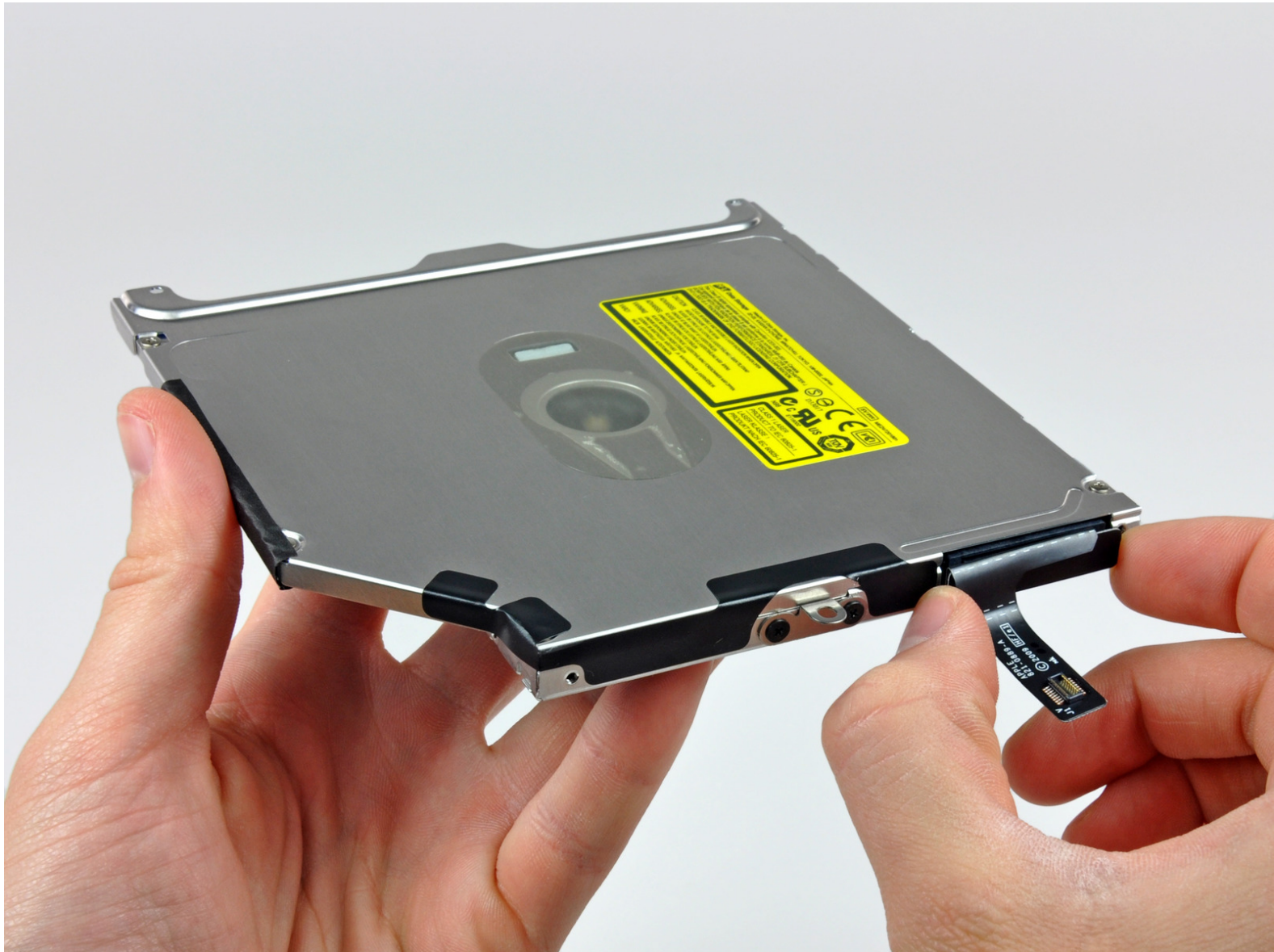




MacBook Pro 13" Unibody Mid 2010 Optical Drive Replacement

Replace the optical drive in your MacBook Pro 13" Unibody Mid 2010.

Written By: Walter Galan



INTRODUCTION

Replace the optical drive in your MacBook Pro 13" Unibody Mid 2010.



TOOLS:

- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)



PARTS:

- [MacBook Pro 13" Unibody \(Model A1278\) 8x SATA SuperDrive \(Used\)](#) (1)
- [MacBook Pro 13" Unibody SATA SuperDrive Cable](#) (1)
- [Unibody 8x SATA SuperDrive \(Post-Early 2009\)](#) (1)

Step 1 — Lower Case



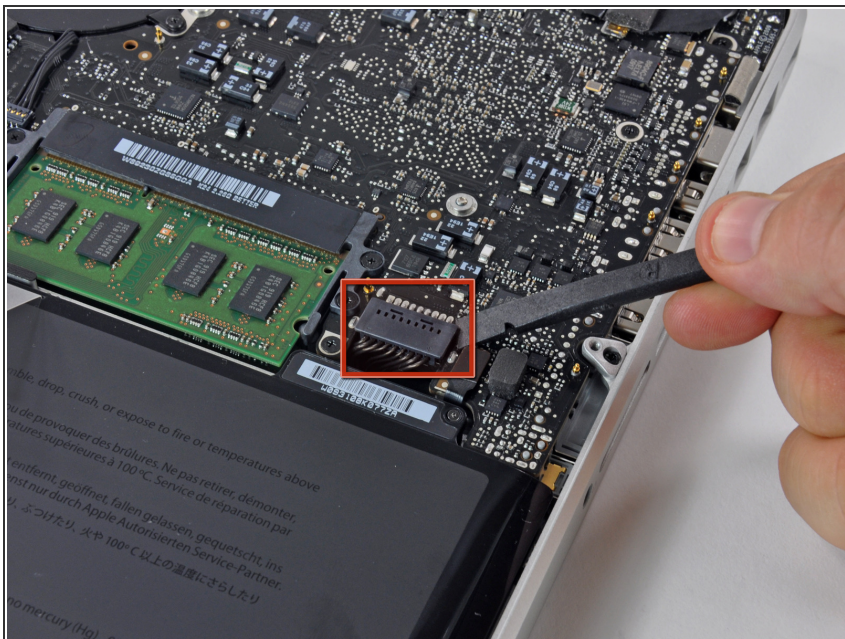
- Remove the following 10 screws securing the lower case to the MacBook Pro 13" Unibody:
 - Seven 3 mm Phillips screws.
 - Three 13.5 mm Phillips screws.

Step 2



- Slightly lift the lower case and push it toward the rear of the computer to free the mounting tabs.

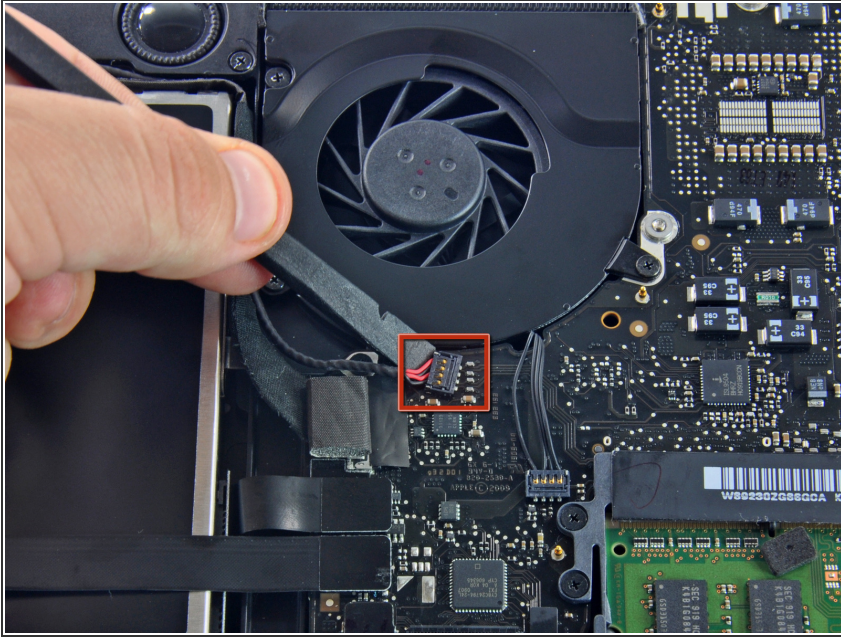
Step 3 — Battery



⚠ For precautionary purposes, we advise that you disconnect the battery connector from the logic board to avoid any electrical discharge.

- Use the flat end of a spudger to lift the battery connector up out of its socket on the logic board.

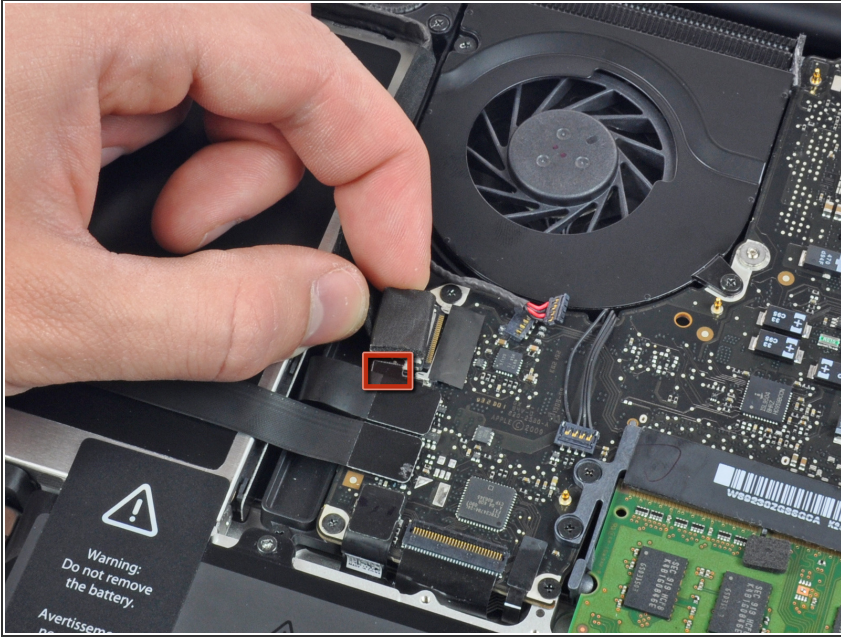
Step 4 — Optical Drive



⚠ For precautionary purposes, we advise that you disconnect the subwoofer connector from the logic board to avoid any electrical discharge. **This step is optional and is not required.**

- Remove the soft padding that may be on top and gently pull the connector up out of its socket on the logic board.

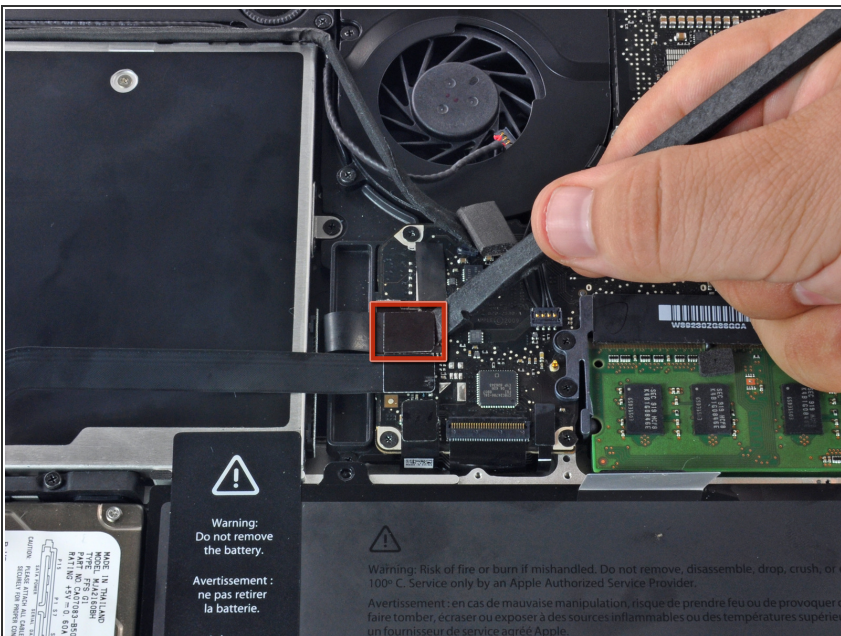
Step 5



⚠ It will be necessary to slide the small clear plastic cable retainer (boxed in red) glued to the logic board out of the way before disconnecting the camera cable. Be careful not to break any components off the board as you slide it away from the camera cable connector.

- Pull the camera cable connector toward the optical drive to disconnect it from the logic board.
- ⓘ This socket is metal and easily bent. Be sure to align the connector with its socket on the logic board before mating the two pieces.

Step 6



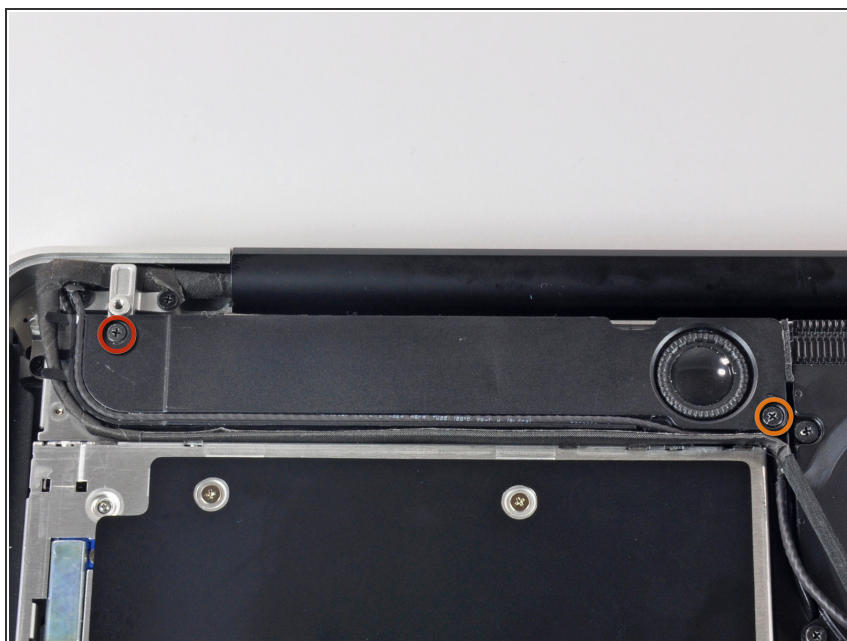
- Use the flat end of a spudger to pry the optical drive connector straight up off the logic board.

Step 7



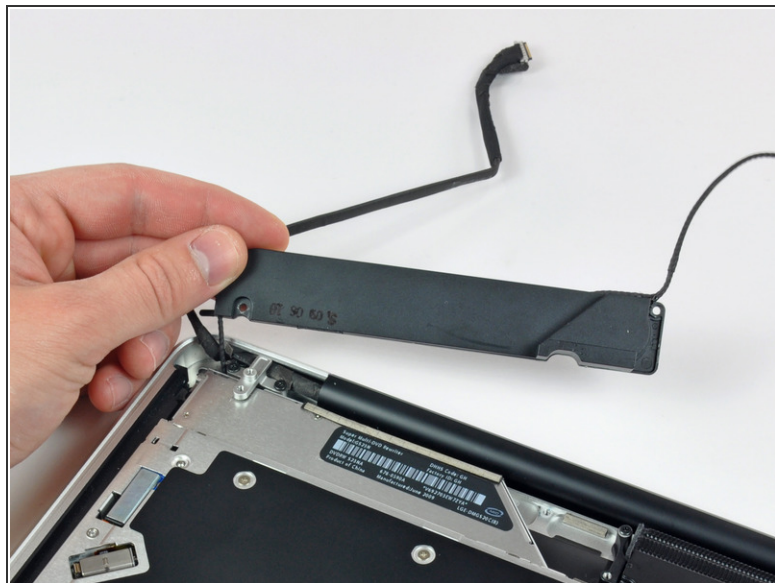
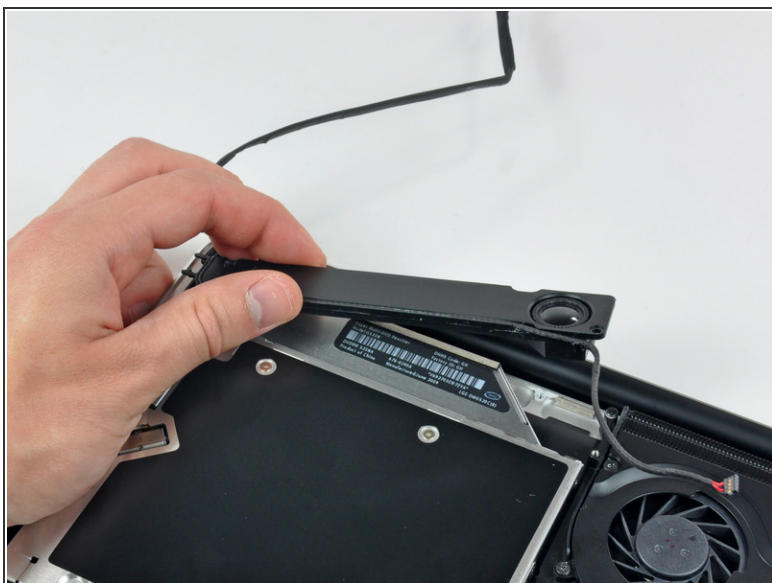
- Use the flat end of a spudger to pry the hard drive connector straight up off the logic board.

Step 8



- Remove the following screws securing the subwoofer to the upper case:
 - One 3.8 mm Phillips screw.
 - One 5 mm Phillips screw

Step 9



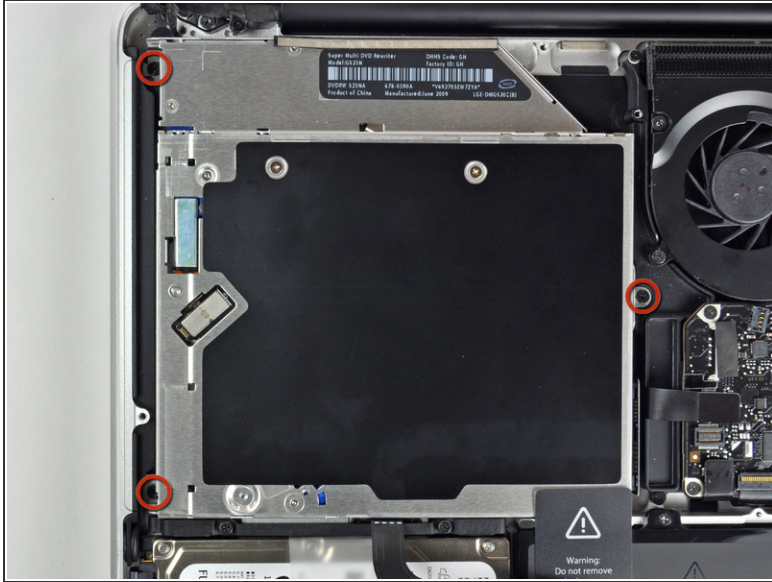
- ✦ The subwoofer is still connected to the right speaker, so don't completely remove it just yet.
- Lift the subwoofer off the optical drive, and set it above the computer.

Step 10



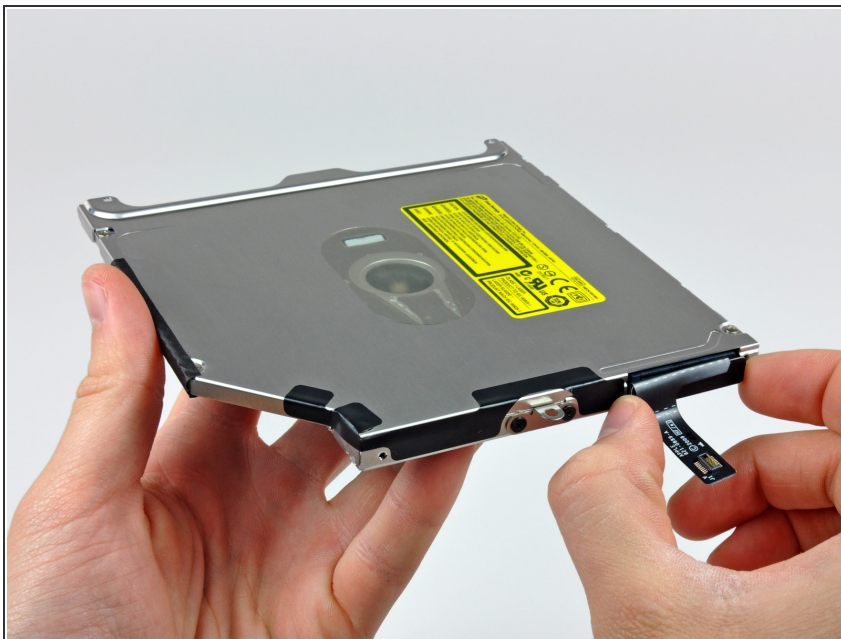
- Remove the two 10 mm Phillips screws securing the camera cable bracket to the upper case.
- ⓘ The leftmost screw may remain captive in the camera cable.
- Lift the camera cable bracket out of the upper case.

Step 11



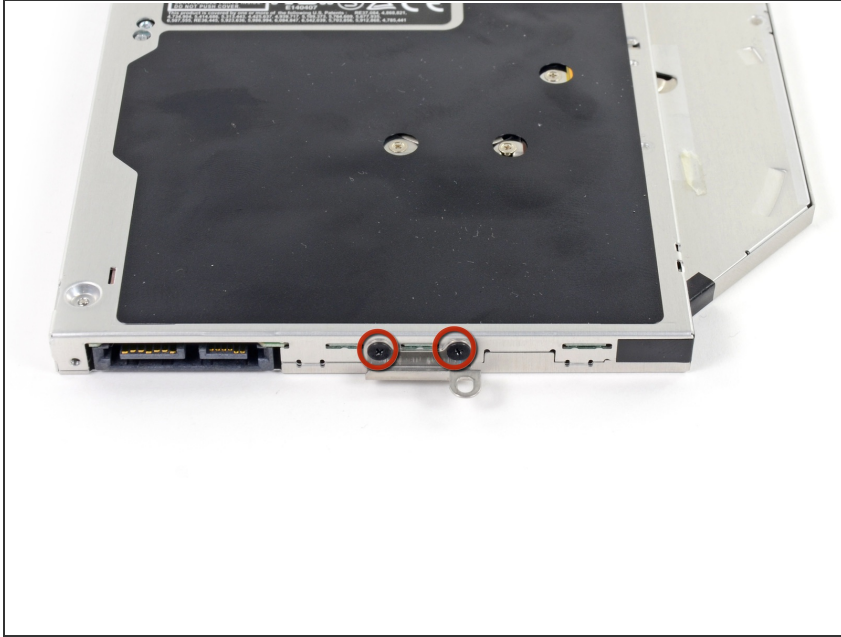
- Remove the three 2.5 mm Phillips screws securing the optical drive to the upper case.
- Lift the optical drive from its right edge and pull it out of the computer.

Step 12 — Optical Drive



- Remove the optical drive cable by pulling it straight away from the optical drive.
- ⓘ This connector is particularly deep, so be sure to pull away from the drive at the center of the connector.
- ★ If you have a CD or any other object jammed in your optical drive, we have an [optical drive repair guide](#).

Step 13



- Remove the two black Phillips #0 screws securing the small metal mounting bracket. Transfer this bracket to your new optical drive or [hard drive enclosure](#).

To reassemble your device, follow these instructions in reverse order.

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